

MGE 112, 132, 160

Motor disassembling

Terminal box, fan, flange, seal rings, bearings

Service kit instructions



English (GB) Service kit instructions

1. Safety instructions

English (GB)



Prior to service work, read this document. Installation and service work must comply with local regulations and accepted codes of good practice.

Observe the safety instructions in the installation and operating instructions for the product.

DANGER

Electric shock



- Death or serious personal injury
- Before starting any work on the product, make sure that the power supply has been switched off and that it cannot be accidentally switched on.

Dansk (DK)



Læs dette dokument før servicearbejde. Følg lokale forskrifter og gængs praksis ved installation og service.

Følg sikkerhedsanvisningerne i produktets monterings- og driftsinstruktion.

ADVARSEL

Elektrisk stød



- Død eller alvorlig personskade.
- Før du foretager arbejde på produktet, sørg da for at strømforsyningen er afbrudt, og at den ikke uforvarende kan genindkobles.

Deutsch (DE)

Lesen Sie vor Servicearbeiten das vorliegende Dokument sorgfältig durch. Die Installation und Servicearbeiten müssen nach den örtlich geltenden Vorschriften und den Regeln der Technik erfolgen.

Die in der Betriebsanleitung für dieses Produkt aufgeführten Sicherheitsvorschriften sind ebenfalls zu beachten.

GEFAHR**Stromschlag**

- Tod oder ernsthafte Personenschäden.
- Vor Beginn jeglicher Arbeiten an der Pumpe muss die Stromversorgung zur Pumpe abgeschaltet und gegen unbeabsichtigtes Wiedereinschalten gesichert werden.

Ελληνικά (GR)

Πριν τις εργασίες σέρβις, διαβάστε το παρόν έγγραφο. Οι εργασίες εγκατάστασης και σέρβις πρέπει να συμμορφώνονται με τους τοπικούς κανονισμούς και τους αποδεκτούς κώδικες ορθής πρακτικής.

Τηρήστε τις οδηγίες ασφαλείας που δίδονται στις παρούσες οδηγίες εγκατάστασης και λειτουργίας του προϊόντος.

ΚΙΝΔΥΝΟΣ**Ηλεκτροπληξία**

- Θάνατος ή σοβαρός τραυματισμός ατόμων.
- Πριν ξεκινήσετε οποιαδήποτε εργασία στο προϊόν, βεβαιωθείτε ότι η παροχή ρεύματος είναι κλειστή και ότι δεν μπορεί να ανοίξει κατά λάθος.

Español (ES)

Lea este documento antes de llevar a cabo cualquier tarea técnica. Las tareas de instalación y revisión deben satisfacer los requisitos establecidos por los reglamentos locales en vigor y los códigos aceptados de prácticas recomendadas.

Respete las instrucciones de seguridad de la instalación y las instrucciones de funcionamiento del producto.

PELIGRO**Descarga eléctrica**

- Muerte o lesión personal grave.
- Antes de comenzar a trabajar con el producto, asegúrese de que el suministro eléctrico esté desconectado y no pueda conectarse accidentalmente.

Français (FR)

Avant toute intervention, lire attentivement ce document. L'installation et la maintenance doivent être conformes à la réglementation locale et aux règles de bonne pratique en vigueur.

Observer les consignes de sécurité indiquées dans la notice d'installation et de fonctionnement.

DANGER**Choc électrique**

- Mort ou blessures graves.
- Avant toute intervention, s'assurer que l'alimentation électrique a été coupée et qu'elle ne risque pas d'être enclenchée accidentellement.

Italiano (IT)



Leggere questo documento prima della manutenzione.
L'installazione e la manutenzione devono essere conformi alle normative locali vigenti e ai codici di buona pratica.

Rispettare le istruzioni di sicurezza contenute nelle istruzioni di installazione e funzionamento del prodotto.

PERICOLO**Scossa elettrica**

- Morte o gravi lesioni personali.
- Prima di effettuare interventi sulla pompa, accertarsi di avere disinserito l'alimentazione elettrica e che la stessa non possa essere accidentalmente ripristinata.

Nederlands (NL)



Lees dit document voordat u servicewerkzaamheden gaat uitvoeren. Installatie en servicewerkzaamheden moeten voldoen aan de lokale regelgeving en gangbare gedragscodes.

Volg de veiligheidsinstructies op in de installatie- en bedieningsinstructies voor het product.

GEVAAR**Elektrische schok**

- Dood of ernstig persoonlijk letsel.
- Voordat u met werkzaamheden aan het product begint, dient u er zeker van te zijn dat de elektriciteitstoevoer is uitgeschakeld en niet per ongeluk kan worden ingeschakeld.

Português (PT)

Antes da realização de trabalhos de manutenção, leia este documento. A instalação e os trabalhos de manutenção devem cumprir as regulamentações locais e os códigos aceites de boas práticas.

Cumpra as instruções de segurança indicadas nas instruções de instalação e funcionamento do produto.

PERIGO**Choque eléctrico**

- Morte ou lesões pessoais graves.
- Antes de iniciar qualquer trabalho no produto, certifique-se de que a alimentação foi desligada e de que não pode ser ligada inadvertidamente.

Русский (RU)

Перед началом обслуживания прочтите настоящий документ. Монтаж и обслуживание должны осуществляться в соответствии с местными нормами и принятыми правилами работы.

При монтаже соблюдайте технику безопасности и инструкции по эксплуатации продукта.

ОПАСНО**Поражение электрическим током**

- Смерть или серьёзная травма.
- Перед началом любых работ с изделием убедитесь в том, что электропитание отключено и не может произойти его случайное включение.

Suomi (FI)

Lue tämä asiakirja ennen huoltotöitä. Asennuksessa ja huoltotöissä on noudatettava paikallisia määräyksiä ja vakiintuneita käytäntöjä.

Noudata tuotteen asennus- ja käyttöohjeissa olevia turvallisuusohjeita.

VAARA**Sähköisku**

- Kuolema tai vakava loukkaantuminen.
- Varmista ennen tuotteelle suoritettavia töitä, että sähkövirta on katkaistu eikä sitä voida epähuomiossa kytkeä päälle.

Svenska (SE)

Läs detta dokument innan servicearbete utförs. Installation och service ska ske enligt lokala bestämmelser och gängse praxis.

Beakta säkerhetsinstruktionerna i monterings- och driftsinstruktionen för produkten.

FARA**Elektriska stötar**

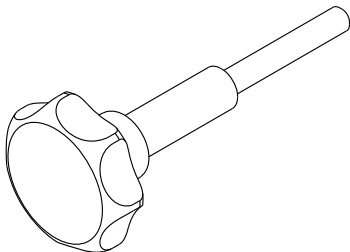
- Dödsfall eller allvarliga personskador.
- Innan arbete på pumpen påbörjas, kontrollera att strömförsörjningen är bortkopplad och att den inte kan kopplas på av misstag.

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2. Special service tools



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3. Dismantling

DK: Demontering

DE: Demontage

GR: Αποσυναρμολόγηση

ES: Desmontaje

FR: Démontage

IT: Smontaggio

NL: Demontage

PT: Desmontagem

RU: Демонтаж

FI: Purkaminen

SE: Demontering

★ TX30

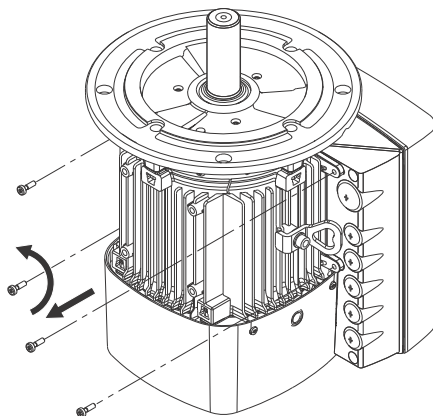


Fig. 1

TM06 6743 2316

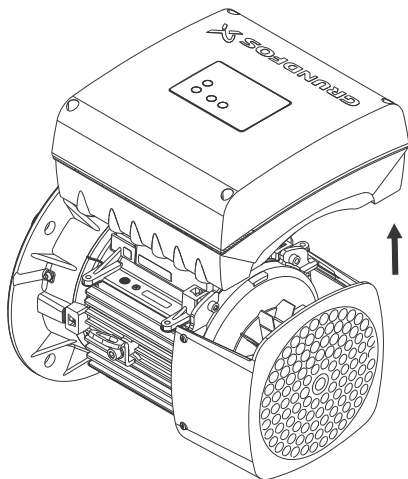


Fig. 2

★ TX25

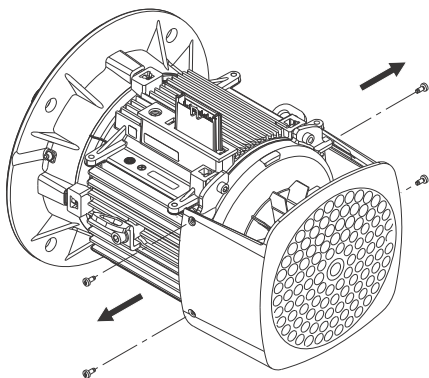


Fig. 3

TM06 6744 2316

TM06 6745 2316

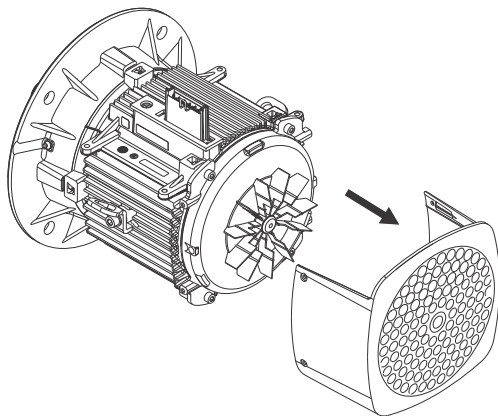


Fig. 4

TM06 6746 2316

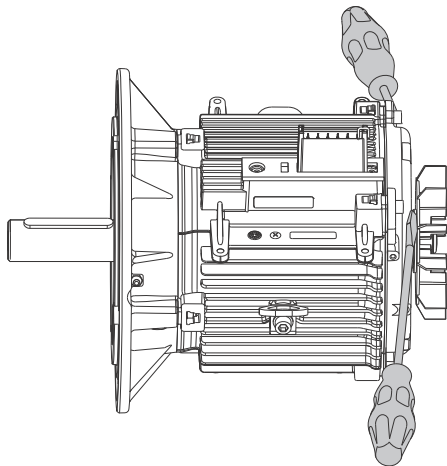


Fig. 5

TM06 6747 231

TX25

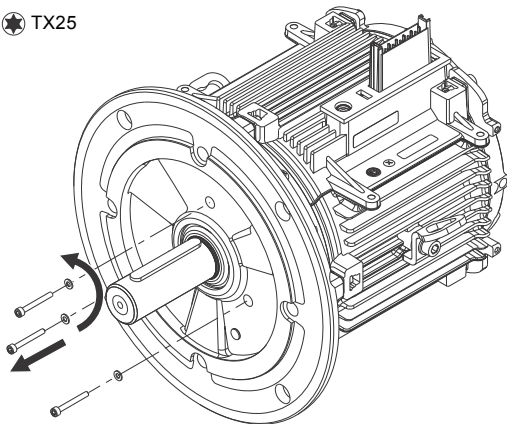


Fig. 6

TM06 6748 2316

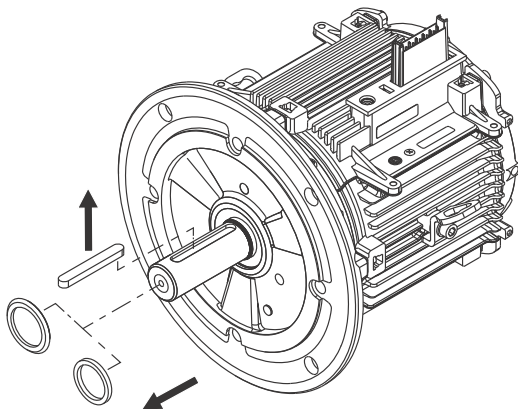


Fig. 7 Gamma ring is optional.

TM06 6749 2316

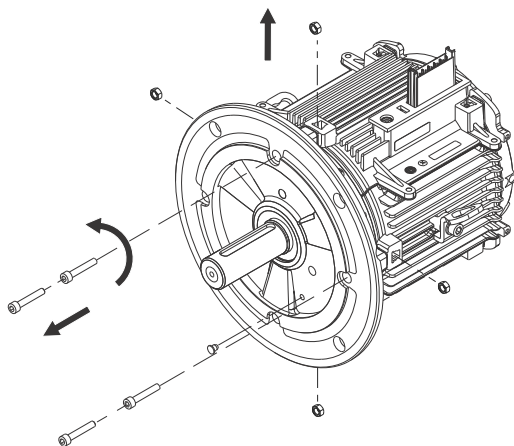


Fig. 8

TM06 6750 2316

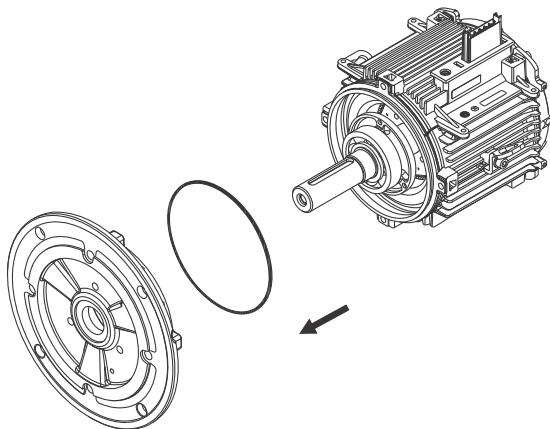
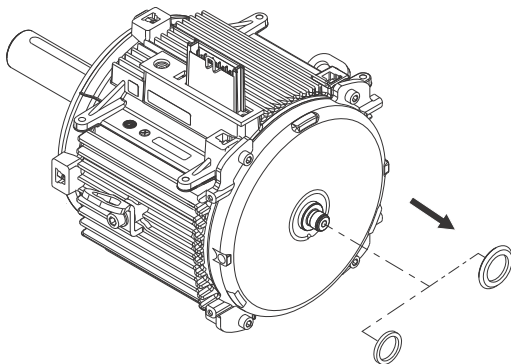
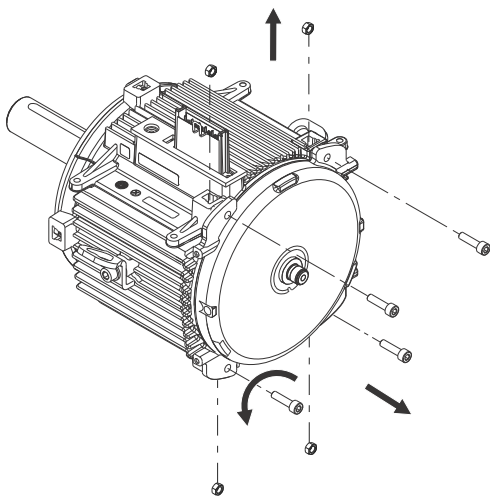


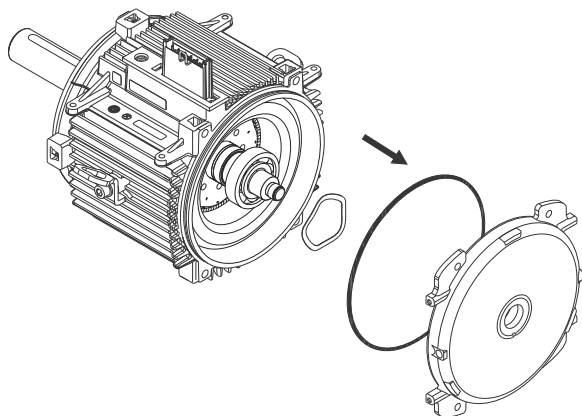
Fig. 9

TM06 6751 2316

TM06 6752 2316

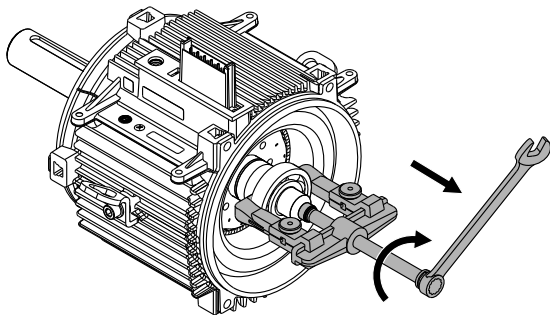
**Fig. 10****Fig. 11**

TM06 6753 2316



TM06 6754 2316

Fig. 12



TM06 6755 2316

Fig. 13

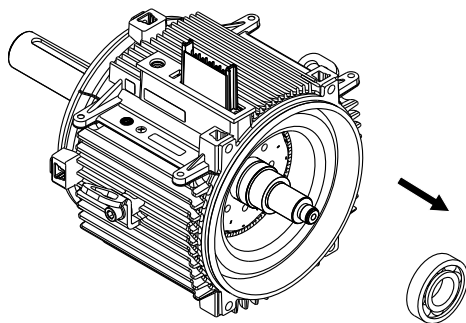


Fig. 14

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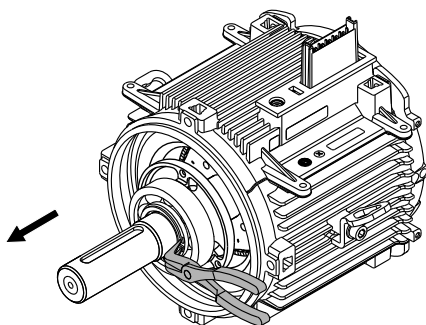


Fig. 15

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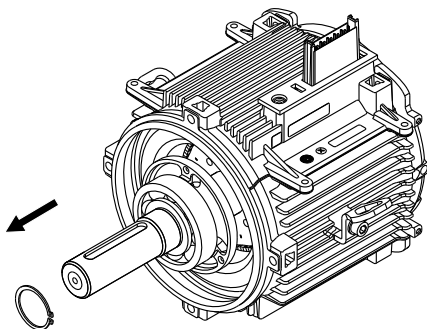


Fig. 16

TM06 8353 2316

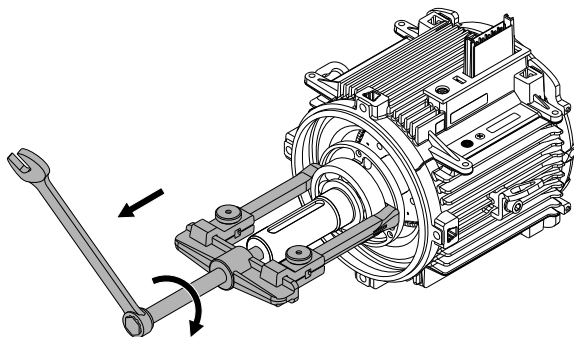
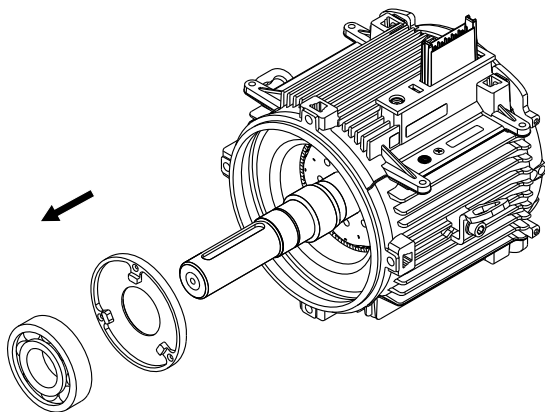


Fig. 17

TM06 6757 0217

TM06 6760 2316

**Fig. 18**

4. Assembly

DK: Monteriing

DE: Montage

GR: Συναρμολόγηση

ES: Montaje

FR: Montage

IT: Montaggio

NL: Montage

PT: Montagem

RU: Подключение

FI: Kokoaminen

SE: Monteriing

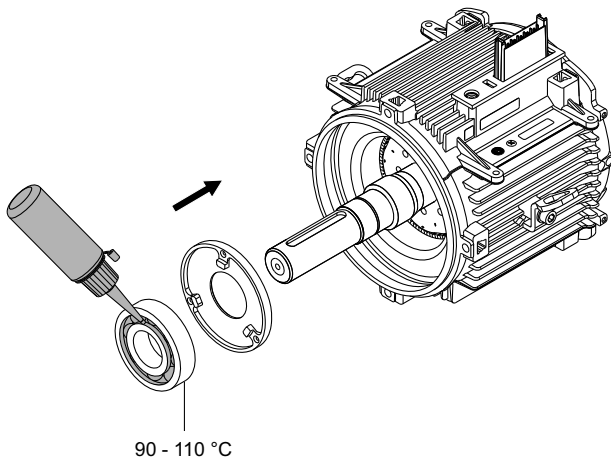


Fig. 1 Remember to fit the bearing plate before the bearing

TM06 6761 2316

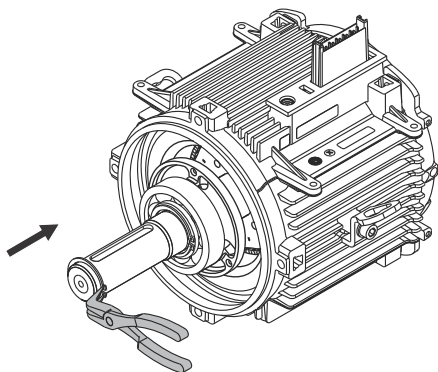


Fig. 2

TM06 6762 2316

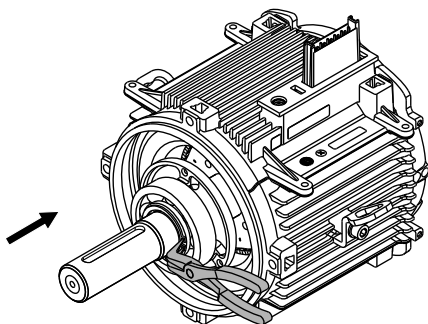


Fig. 3

TM06 6763 2316

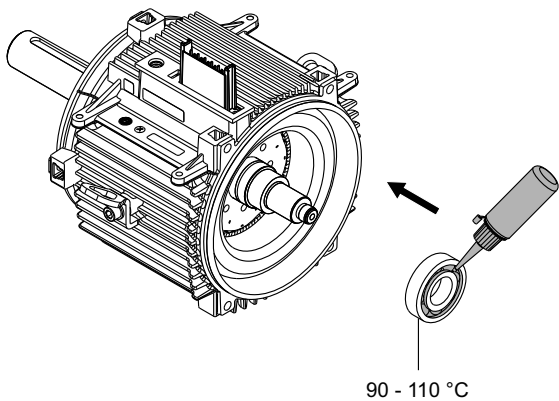


Fig. 4

TM06 6764 2316

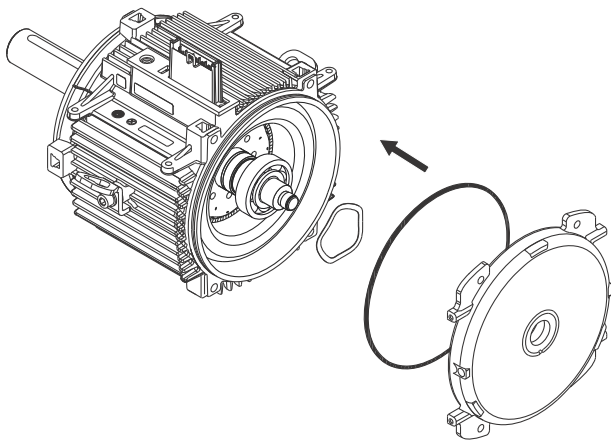


Fig. 5

TM06 6773 2316

TX30

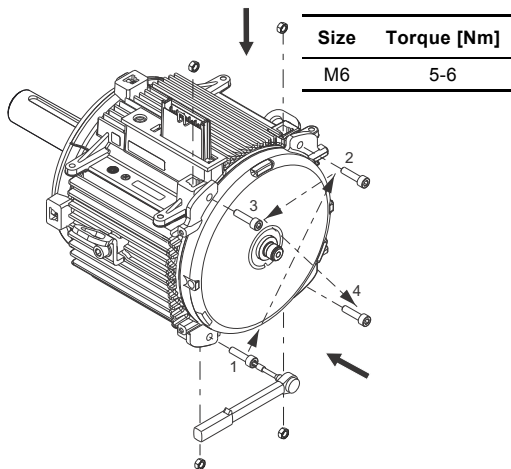


Fig. 6

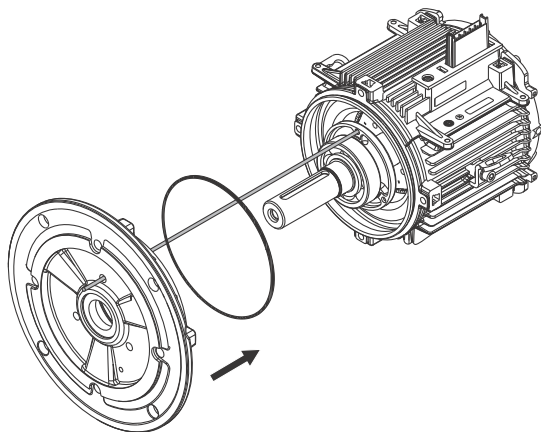


Fig. 7

TM06 6774 2316

TM06 6776 2316

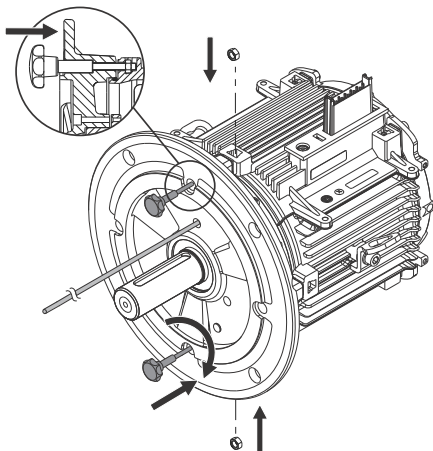


Fig. 8

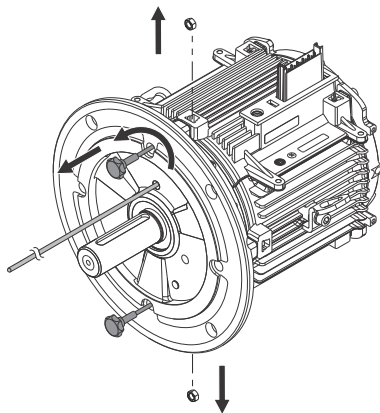


Fig. 9

TM06 6777 2316

TM06 6778 2316

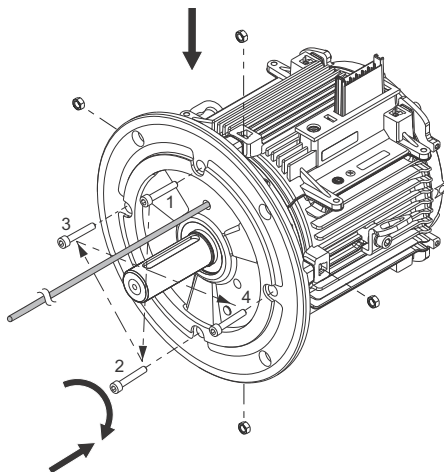


Fig. 10

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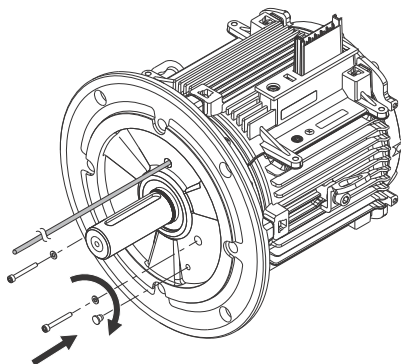


Fig. 11

TM06 6866 2316

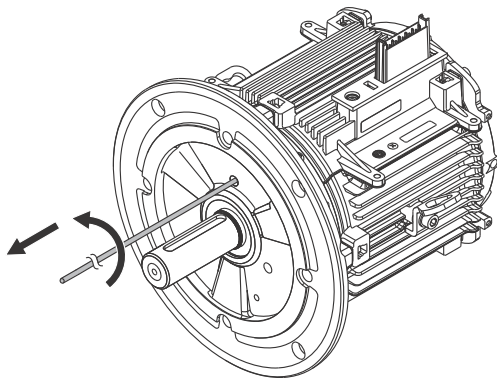


Fig. 12

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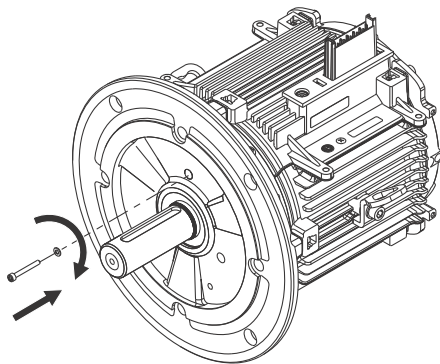


Fig. 13

TM06 8355 2316

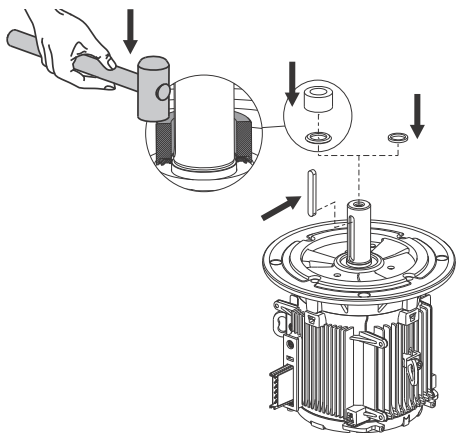


Fig. 14

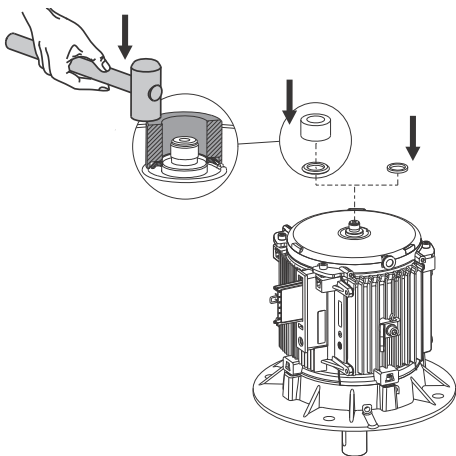


Fig. 15

TM06 8356 2316

TM06 8357 2316

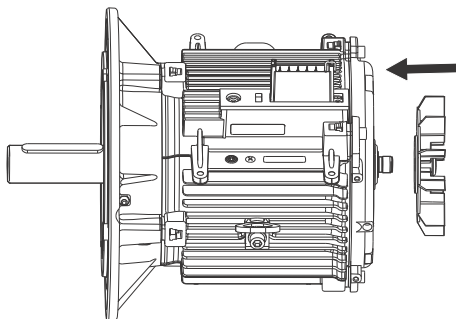


Fig. 16

TM06 6780 2316

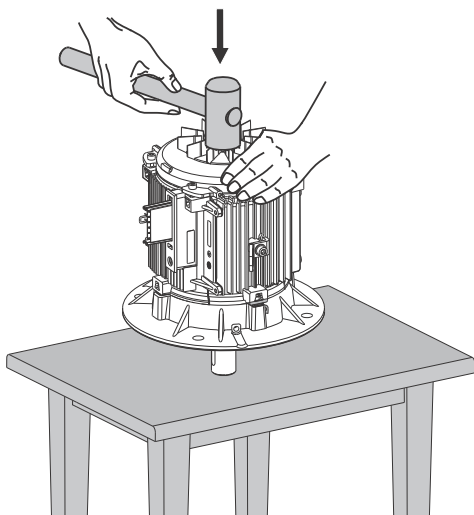


Fig. 17 Ensure the knocking is transferred into the shaft and not the bearings

TM06 6781 2316

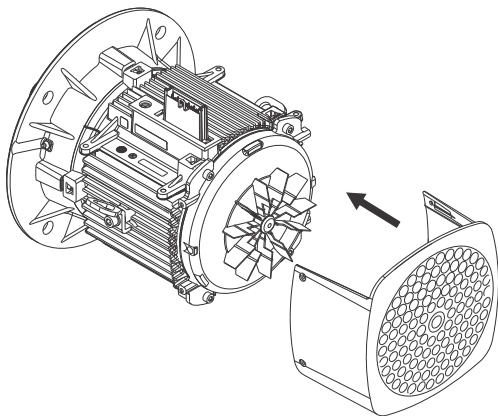
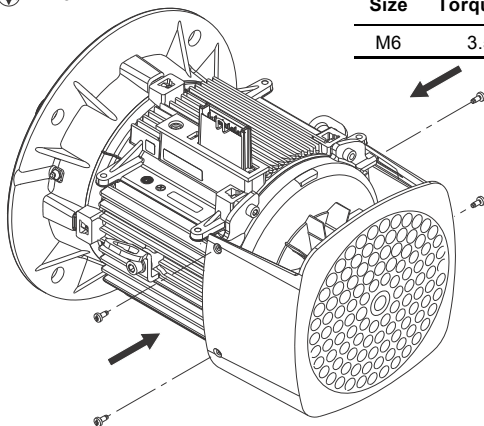


Fig. 18

TM06 6782 2316

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Size	Torque [Nm]
M6	3.5 - 4

Fig. 19

TM06 6851 2316

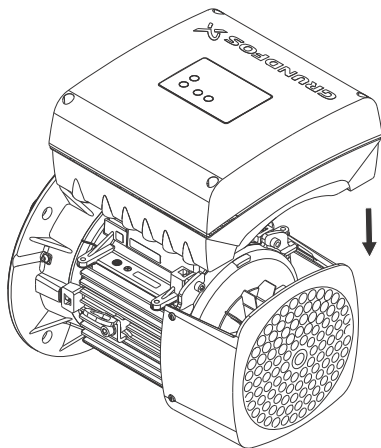


Fig. 20

★ TX30

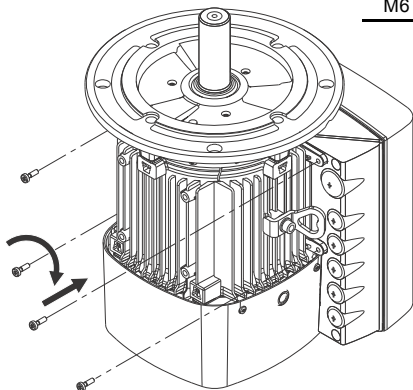


Fig. 21

Size	Torque [Nm]
M6	7-8

TM06 6852 2316

TM06 6853 2316

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